System and Method for the Automatic Installation and Configuration of an Operating System

Abstract

A system and a method for installing and configurating a package including an operating system, software products, and applications on end-user computers connected to server computers in a network. The method is based on a pull deployment model where installation is triggered and performed on site by the end-user, using tools provided by an administrator. Based on a predefined machine function, a generation process generates a source file having required parameters to make the installation, those parameters being stored in a centralized configuration database. Response files needed for the installation are generated in turn. The system allows tracking the installation process and reporting its success or failure to the central database.